

- 1 55. The apparatus as recited in claim 54, wherein said microprocessor is addressable.
- 1 56. The apparatus as recited in claim 54, wherein said sensor units further comprise a
2 signal conditioner, an A/D converter, and a clock.
- 1 57. The apparatus as recited in claim 54, wherein said microprocessor controls storage
2 to said first data storage device.
- 1 58. The apparatus as recited in claim 50, wherein said transmitting device can
2 transmit data from said first storage device to said control unit.
- 1 59. The apparatus as recited in claim 59, wherein said second data receiving device
2 and second data storage device are for receiving and storing said data transmitted
3 to said control unit.
- 1 60. The apparatus as recited in claim 50, wherein said first transmitter and said second
2 transmitter are wireless transmitters.
- 1 61. The apparatus as recited in claim 50, further comprising a triggering device for
2 modifying the storing of data to said first data storage device or for initiating
3 transmission of data from said sensing unit to said control unit, wherein said
4 triggering device is controlled by a real time change in information about the
5 structure or live subject.

Remarks

Claims 1-61 are pending in the application. New claims 40-61 have been added. No new matter has been added by virtue of this amendment. Consideration of the application as amended is requested. Applicant respectfully requests favorable

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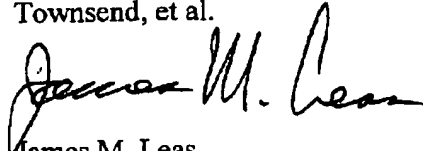
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reconsideration. If there are any questions please call applicant's attorney at 802 864-1575.

Respectfully submitted,

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